## Message Text

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INFO OCT-01 ISO-00 CIAE-00 PM-04 INR-07 L-03 ACDA-07 NSAE-00 PA-01 SS-15 PRS-01 SP-02 USIA-06 TRSE-00 NSC-05 EB-08 OC-06 CCO-00 OTPE-00 /078 W

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CSAF
AFSC ANDREWS AFB MD
ESD HANSCOM AFB MA

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SECDEF FOR ODDR&E(TWP) AND OASD(C3I); CSAF FOR RDPE/RDPW; AFSC FOR SDE; ESD FOR YW/DC

E.O. 11652: GDS

TAGS: ETEL, MARR, NATO

SUBJECT: MEETING OF THE AD HOC GROUP (AHG) ON ECM-RESISTANT COMMUNICATIONS (ERCS), MAR 22-24, 1977

REF: (A) AC/259 (HLG-AHG/ERCS)A/2, MAR 21, 1977 (NOTAL) (B) STATE 64950 DTG 232340Z MAR 77.

SUMMARY: AT THE SUBJECT MEETING, THE AHG SPENT MOST OF ITS TIME DISCUSSING ESSENTIAL CHARACTERISTICS OF AN ERCS FOR NATO AEW, PRODUCING ANOTHER DRAFT DOCUMENT WHICH WILL BE THE BASIS FOR FURTHER DISCUSSIONS. THE GROUP ENTHUSIASTICALLY ACCEPTED THE INVITATION TO OBSERVE US MULTIPATH TESTS (REF B), AND IT AGREED TO HOLD ITS NEXT MEETING IN SEATTLE INCONJUNCTION WITH THIS VISIT. ACTION REQUESTED: WASHINGTON PROVIDE US WITH FIRM DATEES AND OTHER PERTINENT INFORMATION FOR THE VISITBY THE AHG TO SEATTLE. END SUMMARY.

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- 1. THE AHG ON ERCS FOR NATO AEW MET ON MARCH 22-24, 1977 WITH LTC JOHN THOMAS, USAF, E3A PROJECT OFFICE, AS THE US REP. IN SUBSEQUENT PARAGRAPHS WE SUMMARIZE ACTION ON EACH ITEM OF THE AGENDA (REF A).
- 2. THE AHG APPROVED THE DECISION SHEET OF THE PREVIOUS MEETING (AC/259(HLG-AHG/ERCS)DS/1) WITH MINOR CHANGES
- 3. THE CHAIRMAN SUMMARIZED THE RESULTS OF THE LAST MEETING OF THE HIGH LEVEL GROUP, DRAWING ON THE DE-

CISION SHEET OF THE MEETING, AC/259(HLG)DS/24.

- 4. THE CHAIRMAN, ALLIED TACTICAL COMMUNICATIONS AGENCY (ATCA) MADE A STATEMENT EXPRESSING INTEREST OF HIS AGENCY IN THE WORK OF THE AHG.
- 5. THE AHG SPENT MOST OF ITS TIME DISCUSSING THE ESSENTIAL CHARACTERISTICS OF ERCS FOR NATO AEW, REDRAFTING EARLIR DOCUMENTS STATING THESE CHARACTERISTICS.

A. AS A PRELUDE, THE CHAIRMAN PROPOSED GUIDLINES WHICH, INTER ALIA, INCLUDED THE FOLLOWING POINTS:

- (1) THE PRESCRIBED CHARACTERISTICS WILL BE LIMITED TO THOSE WHICH ARE WITHIN THE DESIGN CHARACTERISTICS OF THE TWO SYSTEMS UNDER CONSIDERATION, THE US JTIDS AND THE GERMAN MACS.
- (2) REQUIREMENTS FOR INTEROPERABILITY WITH OTHER SYSTEMS AND INTRINSIC NAVIGATION AND IDENTIFICATION FEATURES ARE TO BE INCLUDED ONLY AS GROWTH CAPABILITIES IN THE NATO ERCS CHARACTERISTICS DOCUMENT.
- B. BOTH THE US AND THE UK REPS OBJECTED TO THE CONFIDENTIAL

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CONSTRAINTS IMPOSED BY THESE GUIDELINES, BUT THEY COULD NOT GET THE GROUP TO GO BEYOND THEM. THE RESULTING REDRAFT OF THE CHARACTERISTICS DOCUMENT SPECIFIES OPERATIONAL AND TECHNICAL CHARACTERISTICS WHICH ARE WITHIN THE CHAIRMAN'S GUIDELINES. THE US REP IS SATISFIED WITH THIS NEW DRAFT AS FAR AS IT GOES, BUT IT FALLS SHORT OF BEING A STATEMENT OF US REQUIREMENTS. HE CONSIDERS IT TO BE A GOOD BASIS FOR FURTHER DISCUSSION IN THE AHG.

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6. THE SHAPE TECHNICAL CENTER (STC) REP REPORTED THAT STC RECEIVED NO COMMENTS ON ITS PROPOSED TEST PROGRAM (AC/259(HLG)D/8), AND THEREFORE STC CONCLUDES IT IS ACCEPTABLE AS WRITTEN.

7. THE US REP DID NOT DISCUSS THE PLANNED MULTIPATH TESTS. INSTEAD, HE INVITED THE AHG TO OBSERVE THESE TESTS AS INSTRUCTED IN REF B. THE AHG ACCEPTED ENTHUSIASTICALLY. THE US NOW MUST PROPOSE SPECIFIC DATES AND PROVIDE ADDITIONAL ADMINISTRATIVE DETAILS.

UPON RECEIPT OF THIS INFORMATION, WE WILL WORK WITH THE NATO AEW PROGRAM OFFICE (NAPO)TO COORDINATE ARRANGEMENTS FOR THIS VISIT BY ALLIED REPS.

8. THE GERMAN REP GAVE AN OUTLINE OVERVIEW OF THE PRELIMINARY TEST PROGRAM FOR THE MACS. HE STATED THAT GERMANY IS AWAITING THE RESULTS OF THE PLANNED CONFIDENTIAL

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TESTS BY STC BEFORE FINALIZING ITS TEST PROGRAM.

9. MEMBERS OF THE AHG RECEIVED, PRIOR TO THE MEETING, COPIES OF THE US TEST PROGRAM FOR JTIDS (ISSUED AS AC/ 259(HLG-AHG/ERCS)WP/3). THE US REP DISCUSSED THE DOCUMENT, ELABORATING AS REQUIRED TO EXPLAIN ASPECTS ABOUT WHICH THE GROUP ASKED QUESTIONS COMMENT: THE OTHER MEMBERS OF THE AHG SEEMED TO BE QUITE IMPRESSED BY THE COMPREHENSION NATURE OF TESTS ALREADY PLANNED BY THE US. WE EXPECT THAT THE US WILL RECEIVE REQUESTS TO PERMIT THE AHG TO OBSERVE OR TO PARTICIPATE IN SOME OF THESE TESTS. END COMMENT.

10. THE AHG AGREED TO HAVE ITS NEXT MEETING IN SEATTLE IN CONJUNCTION WITH ITS VISIT TO OBSERVE THE US MULTI-PATH TESTS. THE US REP SUGGESTED APRIL 25, 1977 FOR PLANNING, BUT THE US MUST CONFIRM THE EXACT DATE. (SEE PARA 7 ABOVE.) COMMENT: FRANCE PARTICIPATES IN THE AHG SO WOULD BE REPRESENTED ON THE VISIT TO SEATTLE. IN VIEW OF FRANCE'S NOT IN-NOT OUT ROLE IN NATO AEW AND ITS DEVELOPMENT OF A COMPETITIVE ERCS, THE US SHOULD CAREFULLY CONTROL THE INFORMATION PROVIDED TO THE AHG ON THIS VISIT. END COMMENT.

STRAUSZ-HUPE

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